

## **Marine Region Program Descriptions and Key Measurable (Planned) Objectives**

### **Program: Fisheries Management – State/Federal Managed Species**

This program supports management activities affecting California and California fishermen under federal and state jurisdiction through the Pacific Fishery Management Council (PFMC). Staff collects, analyzes and reports stock assessment and other fishery-related data necessary to manage California's fisheries resources on a sustainable basis, taking into account associated resources and the habitats upon which they depend. The mixed international and national jurisdiction of these fisheries dictates the Department work closely with other Pacific states and federal agencies to insure effective management. Staff also assists in regulation development for use in the Commission regulatory process.

### **Project: Salmon Management**

The Salmon Management Project provides fishery-dependent and fishery-independent data used in management of California's ocean salmon fisheries. The project fulfills the Department's obligations on the PFMC's Salmon Technical Team, and produces estimates of ocean harvest, run sizes, ocean abundance, and regulatory impacts. The project also provides technical assistance to the PFMC, the Commission, the National Marine Fisheries Service (NMFS), other federal and state agencies, tribal governments, and constituents on Pacific Coast salmon stocks.

**Budgeted Resources Dedicated to the Project:** This project includes eight positions and a Personal Services budget of \$618,699.

**Key Measurable (Planned) Objectives for FY 2006-07:** The project's primary focus is to provide the data and analyses needed for management of California's ocean salmon fisheries. The two new positions added in FY 2006-07 will increase the projects ability to meet management needs. One position will focus on fishery-dependent data collection in the field, and the other will focus on data analysis.

- Collect catch, effort, and biological data needed for management from 20 percent of the salmon landed in California's ocean salmon fisheries.
- Collect the coded-wire tags from 20 percent of commercial and recreational landings, read the tags, and maintain the databases for tag information needed for the Regional Mark Information System (a cooperative program of the west coast states that is managed by the Pacific States Marine Fisheries Commission) by December 31, 2006.

- Estimate commercial and recreational ocean salmon landings, catch composition, fishing effort, and contribution rates of coded-wire tagged salmon for the 2006 ocean salmon fisheries in California, and submit to the PFMC by January 15, 2007.
- Develop and modify fishery models for marine and freshwater salmon harvest management. Submit results to PFMC at dates needed for developing 2007 management options.
- Assist in the development of a fishery management plan amendment to allow a low level of fishing on Klamath Fall Chinook when at low abundance and that does not cause long term harm to the stock.
- Increase expertise of project staff on various fisheries models through in-house training and mentoring. Cross-train staff on data analysis programs and computer programs used to produce estimates.

**Key Measurable (Planned) Objectives for FY 2007-08:** In addition to the activities and work products in support of the project's primary focus, project staff will participate in a pilot project to test the use of genetic stock identification for in-season management and project staff will assist with the development of a rebuilding plan.

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- Estimate commercial and recreational ocean salmon landings, catch composition, fishing effort, and contribution rates of coded-wire tagged salmon for the 2007 ocean salmon fisheries in California, and submit to the PFMC by January 15, 2008.
- Develop and modify fishery models for marine and freshwater salmon harvest management. Submit results to PFMC at dates needed for developing 2008 management options.
- Assist in the development and implementation of genetic stock identification techniques for the use in ocean salmon fishery management.
- Work with the PFMC's Salmon Technical Team to develop a rebuilding plan for Klamath Fall Chinook.